

High School to College Articulation Map


Area of Study: Trade & Technical Education

Pathway: Precision Production Trades
Drafting/CAD

National Career Cluster: Architecture & Construction

Region: Davis/Weber Districts: Davis, Morgan, Ogden, Weber School Contact person: Janet James Ph.#: (801) 626-8547 e-mail janetjames@weber.edu Date: 2007	College / Institution Weber State University Articulation Agreement in place? Yes <input checked="" type="checkbox"/> No Name of Degree or Certificate: AAS Degree in Design Graphics Engineering Technology
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High School				College		
Course #	High School Suggested Courses	H.S. Credit	College Credits	Course #	College, General Ed. / Required or Recommended Courses	Credits
					Support Courses Required (22 credit hours)	
	CE English*	1	3	ENGL 1010	Intro to Writing	3
				ENGL 2010	Intermediate Writing	3
	CE Communication*	1	3	COMM HU 2110	Intro to Interpersonal & Small Group Communication	3
				MATH QL1080 OR MATH QL1050 AND MATH 1060	Pre-Calculus (5) College Algebra (4) Trigonometry (3)	5/7
				PHYS PS/SI2010	College Physics I/L	5
52.0417 52.0419 52.0471	Computer Technology* Electronic Spreadsheets & Databases* Word Processing*	1	3	TBE 1700	Introduction to Microcomputer Applications, (partially fill requirement) OR 1701 Intro to Word Processing (1) 1702 Intro to Microcomp., E-Mail, OS, & Graphic Presentations (1) 1703 Intro to Spreadsheets (1) OR University Computer Literacy Exams (TBE: TA1501, TB1502 & TC1503)	3
				CA1030	Studio Art for the Non-Art Majors	3
				Gen Ed	SS Elective	3
H.S.Total (General Ed.)And Other Available Credits			9	College Total Credits		28

Course CIP #	High School Career Pathway Courses	H.S. Credit	College Credits	Course #	College Major Course Requirements	Credits
Course#	Foundation Courses: (2 credits required)	Credit			Design Graphics Engineering Technology Courses Required (29 credit hours)	
15.1302	Architectural Drafting	1.00				
15.1301	Drafting & Design Technology*	.50	3	DGET 1050	Basic Drafting	3
15.1302	Drafting/CAD*	.50	3	DGET 1250	Computer Aided Drafting	3
15.1306	Mechanical Drafting	1.00				
Course#	Elective Courses: (1 credit required)	Credit				
46.0201	Carpentry	1.00				
48.0503	Machine Tool	1.00				
48.0701	Woodworking	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
	Additional Articulated Classes Below					
15.1303	Architectural Drafting*	.50	3	DGET 1150	Blueprint Reading	3
15.1302	CAD Drafting Technology*	.50	3	DGET 1260	3D Computer Aided Drafting	3
15.1303	Architectural Drafting*	.50	3	DGET 1350	Basic Architectural Drafting	3
				DGET 2350	Advanced Architectural Drafting	4
				DGET 2440	Descriptive Geometry	2
				DGET 2450	Geometric Dimensioning & Tolerancing	2
15.1306	Mechanical Drafting* (Bonneville)	.50	4	DGET 2650	Adv. Mechanical Drafting & Design	4
				DGET 2660	Structural Detailing	3
				DGET 2899	Associate Degree Assessment	0
					Technical Courses Required (9credit hours)	
48.0503	Machinist Technician / CNC	.50	1	MFET 1210/L	Machining Principles	3
				MFET 2360	Manufacturing Processes and Materials	3
				MFET 2410	Quality Assurance and Improvement	3
Total Pathway Credits			20		Total Major Course Credits Required	38
TOTAL Potential (college) Credits Earned in High School			29	TOTAL Credits Required for Major		66

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note:** * = concurrent ** = distant